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PYA Ryan - J. Math. Model. Voting Syst. Elections: Theory and Appl ..., 2008 - cs.ncl.ac.uk
... nothing, but it enables the voter, or perhaps proxies acting on her behalf, to verify that the receipt
is correctly **input** into the ... A earlier version of Prêt `a Voter presented in [33] used **ElGamal**
encryption, [15], and **re-encryption** mixes. ... El- Gamal is a randomising encryption algorithm. ...
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X Wang, P Golle, M Jakobsson... - ACM Transactions on ..., 2010 - portal.acm.org
... Decryption of an **ElGamal** ciphertext (G, M) is computed by the expression M · G −x. One can
**re-encrypt** a ciphertext (G, M) by choosing δ R ← Z∗ q and eval-... Page 10. 18:10 • X. Wang et
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M Kłonowski, M Kutyłowski, A Lauks... - 2008 - Citeseer
... In this paper, a method of shuffling **El-Gamal** ciphertexts is presented - after processing a whole ...
First, the last server presents the **ElGamal** ciphertext from which it has obtained m, say (a, b ...
Duplicating an onion: Thanks to **re-encryption** features, a duplicate can be easily hid- den. ...
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P Golle, A Juels - Proceedings of the 11th ACM conference on ..., 2004 - portal.acm.org
... this paper, we consider exclusively **re- encryption** mixnets, ie mix networks that **re-encrypt input**
ciphertexts and ... Our construction is applicable to any **re-encryption** mixnet whose costs are linear
in the ... ful- filled by the mixnets of Furukawa and Sako [9], Neff [19], Jakobsson et al. ...
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J Halamka, A Juels... - Journal of the ..., 2006 - jamia.bmjjournals.com
... If IDs are indeed assigned **sequentially** in production, for instance, then an attacker that observes
the ID of one employee in a given corporation can probably guess the IDs ... **El Gamal** T. . A ... Okamoto
T. Golle P,; Jakobsson M,; Juels A,; Syverson P . . Universal **re-encryption** for mixnets ...

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PYA Ryan - Mathematical and Computer Modelling, 2008 - Elsevier

... or perhaps proxies acting on her behalf, to verify that the receipt is correctly **input** into the ... à Voter receipts into a pure ciphertext term that can be put through a **re-encryption** mix. The disadvantage of exponential **ElGamal** is that we have to constrain the plaintext space in order to ...

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... Wikström (2005) introduced the first **El-Gamal** based mix-net in which each mix-server partially decrypts and permutes its **input**, called sender verifiability, ie, no **reencryption** is necessary. ... shuffle based on the Boneh-Goh-Nissim cryptosystem and a **re-encryption** shuffle based ...

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... efforts [Pau02a]. Eggs [Wei05]. EGPGV [MFS+09]. Egypt [Sin00]. Eighth [ELvS01]. Einstein [MNT+00]. EJB [TEM+01]. **El-Gamal** [EKRMA01]. election [Cal00a]. electronic [AvdH00]. element [MS02a]. Elementary [Ste08]. Eleven [All03]. **ElGamal** [BJN00]. **ElGamal**-like [CWH00]. ...

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... Thus the expo- nentiations left are the one from Pedersen commitment and 4 exponentiations for the random **re-encryption** operations. Overall the computational complexity for exponentiations, including the **El**- Page 22. 2.5. CONDITIONAL GATE 15 **Gamal** decryption ste

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